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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-01-21-72** **Date: 21/11/2018**
Customer	:	Assistant Executive Engineer, T Dasarhalli Sub Division, BBMP, Bangalore.
Address	:	T Dasarhalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Construction of CC Roads and Drains at Sujatha Tent Front Side and Rekha Changappa House Road T.Dasarahalli Ward No.15
Agency	:	Sri.Jagadish K, #3424, 6th Cross Gayathri Nagara, Bangalore-21
Customer's Reference	:	EE/DD/WO/39/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-18
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample . (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	149.95 X 150.99 X 151.99	22640	**8.415**	412.7	18.2	18.4
2	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	149.57 X 151.56 X 150.52	22668	**8.183**	414.6	18.3	
3	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	151.31 X 151.47 X 150.72	22919	**8.743**	426.5	18.6	

Note:
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Authorized Signatory
Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID	:	**CP-2019-01-21-72**
Customer	:	Assistant Executive Engineer, T Dasarhalli Sub Division, BBMP, Bangalore. **Date: 12/12/2018**
Address	:	T Dasarhalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Construction of CC Roads and Drains at Sujatha Tent Front Side and Rekha Changappa House Road T.Dasarahalli Ward No.15
Agency	:	Sri.Jagadish K, #3424, 6th Cross Gayathri Nagara, Bangalore-21
Customer's Reference	:	EE/DD/WO/39/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-18
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	12/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	149.41 X 151.18 X 151.42	22588	**8.282**	522.0	23.1	23.1
2	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	150.46 X 151.31 X 149.17	22766	**8.821**	509.4	22.4	
3	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	150.77 X 150.07 X 150.27	22625	**8.277**	541.9	23.9	

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Authorized Signatory
Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-01-21-72** **Date: 21/11/2018**
Customer	:	Assistant Executive Engineer, T Dasarhalli Sub Division, BBMP, Bangalore.
Address	:	T Dasarhalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Construction of CC Roads and Drains at Sujatha Tent Front Side and Rekha Changappa House Road T.Dasarahalli Ward No.15
Agency	:	Sri.Jagadish K, #3424, 6th Cross Gayathri Nagara, Bangalore-21
Customer's Reference	:	EE/DD/WO/39/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-18
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	149.11 X 150.27 X 150.24	22407	**8.780**	422.4	18.9	18.5
2	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	150.91 X 150.67 X 149.48	22737	**8.939**	413.6	18.2	
3	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	150.07 X 151.07 X 151.49	22671	**8.540**	420.4	18.5	

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-01-21-72** **Date: 12/12/2018**
Customer	:	Assistant Executive Engineer, T Dasarhalli Sub Division, BBMP, Bangalore.
Address	:	T Dasarhalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Construction of CC Roads and Drains at Sujatha Tent Front Side and Rekha Changappa House Road T.Dasarahalli Ward No.15
Agency	:	Sri.Jagadish K, #3424, 6th Cross Gayathri Nagara, Bangalore-21
Customer's Reference	:	EE/DD/WO/39/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-18
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	12/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	149.54 X 151.57 X 150.60	22667	8.169	535.2	23.6	23.3
2	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	149.09 X 149.90 X 149.08	22350	8.049	510.0	22.8	
3	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	151.34 X 150.55 X 149.86	22785	8.517	531.4	23.3	

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Quality Manager

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Date: 21/11/2018

Lab ID	:	CP-2019-01-21-72
Customer	:	Assistant Executive Engineer, T Dasarhalli Sub Division, BBMP, Bangalore.
Address	:	T Dasarhalli Sub Division, BBMP, Bangalore.
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Agency	:	Sri.Jagadish K, #3424, 6th Cross Gayathri Nagara, Bangalore-21
Customer's Reference	:	EE/DD/WO/39/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-18
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	149.63 X 150.45 X 151.15	22511	8.309	407.1	18.1	18.5
2	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	151.71 X 151.36 X 150.88	22963	8.770	427.7	18.6	
3	Drain Bottom Slab Concrete	M20	14/11/2018	21/11/2018	151.45 X 150.28 X 151.14	22759	8.801	429.7	18.9	

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Format No: CP/TF/01

Lab ID	:	**CP-2019-01-21-72**
Customer	:	Assistant Executive Engineer, T Dasarhalli Sub Division, BBMP, Bangalore. **Date: 12/12/2018**
Address	:	T Dasarhalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Construction of CC Roads and Drains at Sujatha Tent Front Side and Rekha Changappa House Road T.Dasarahalli Ward No.15
Agency	:	Sri.Jagadish K, #3424, 6th Cross Gayathri Nagara, Bangalore-21
Customer's Reference	:	EE/DD/WO/39/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-11-18
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	12/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	150.89 X 149.99 X 151.11	22631	**8.274**	541.2	23.9	23.3
2	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	151.93 X 150.68 X 150.23	22894	**8.879**	516.1	22.5	
3	Drain Bottom Slab Concrete	M20	14/11/2018	12/12/2018	149.67 X 150.59 X 150.75	22539	**8.662**	525.1	23.3	

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TEST RESULTS OF STEEL

Format No: CP/TF/01

Lab ID	:	**CP-2019-01-21-72**
Customer	:	Assistant Executive Engineer, T Dasarhalli Sub Division, BBMP, Bangalore. **Date: 08-11-18**
Address	:	T Dasarhalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Construction of CC Roads and Drains at Sujatha Tent Front Side and Rekha Changappa House Road T.Dasarahalli Ward No.15
Agency	:	Sri.Jagadish K, #3424, 6th Cross Gayathri Nagara, Bangalore-21
Customer's Reference	:	EE/DD/WO/39/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-11-18
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	07-11-18

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.393	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.614	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.886	544	668	20.0%	Satisfactory	Satisfactory

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